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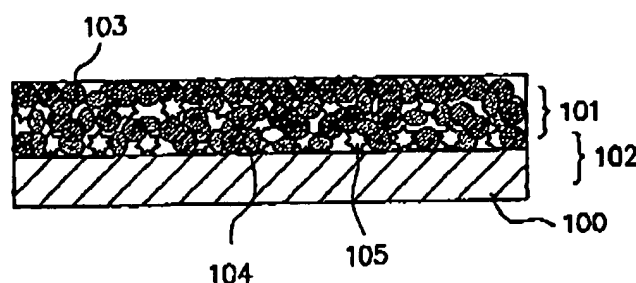
(54) **ELECTRODE MATERIAL FOR NEGATIVE POLE OF LITHIUM SECONDARY CELL,  
ELECTRODE STRUCTURE USING SAID ELECTRODE MATERIAL, LITHIUM SECONDARY  
CELL USING SAID ELECTRODE STRUCTURE, AND METHOD FOR MANUFACTURING SAID  
ELECTRODE STRUCTURE AND SAID LITHIUM SECONDARY CELL**

(57) An electrode material for an anode of a rechargeable lithium battery, containing a particulate comprising an amorphous  $M \cdot A \cdot X$  alloy with a substantially non-stoichiometric ratio composition. [For said formula  $M \cdot A \cdot X$ , M indicates at least one kind of an element selected from a group consisting of Si, Ge, and Mg, A indicates at least one kind of an element selected from a group consisting of transition metal elements, X indicates at least one kind of an element selected from a group consisting of O, F, N, Ba, Sr, Ca, La, Ce, C, P, S, Se, Te, B, Bi, Sb, Al, In, and Zn, where the element X is

not always necessary to be contained. The content of the constituent element M of the amorphous  $M \cdot A \cdot X$  alloy is  $M/(M + A + X) = 20$  to 80 atomic% .]

An electrode structural body for a rechargeable lithium battery, comprising said electrode material for an anode and a collector comprising a material incapable of being alloyed with lithium in electrochemical reaction, and a rechargeable lithium battery having an anode comprising said electrode structural body.

**FIG.1(b)**



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